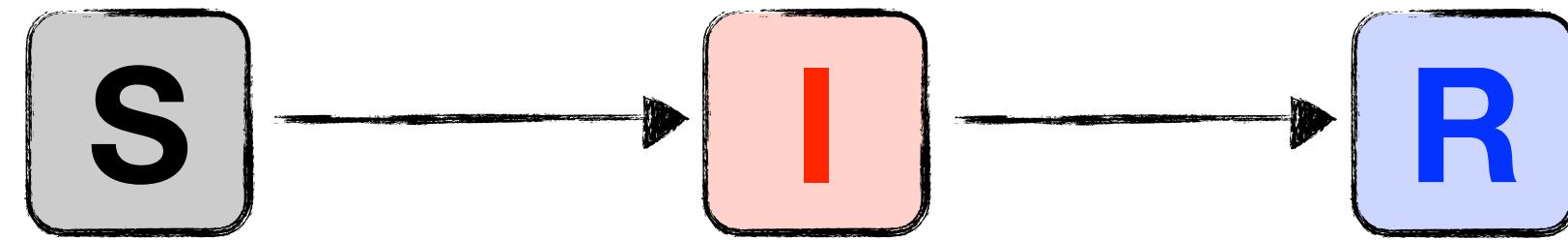


How can we extend the SIR model?

More complex disease stages

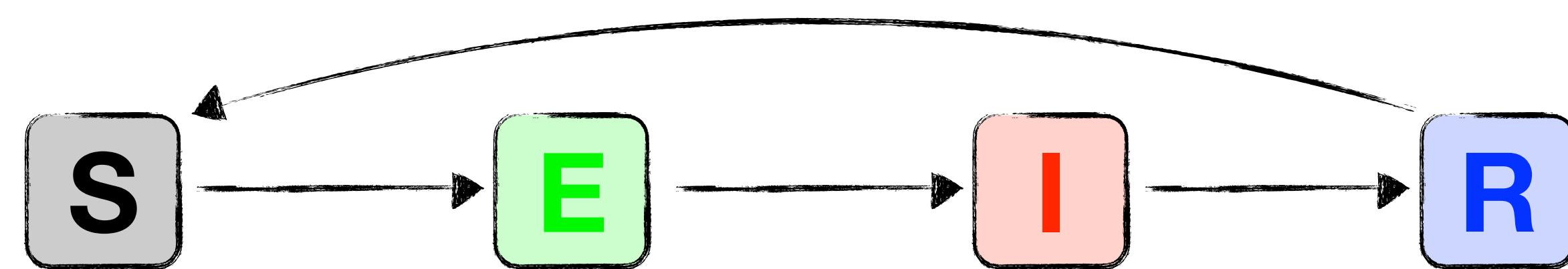
Standard model



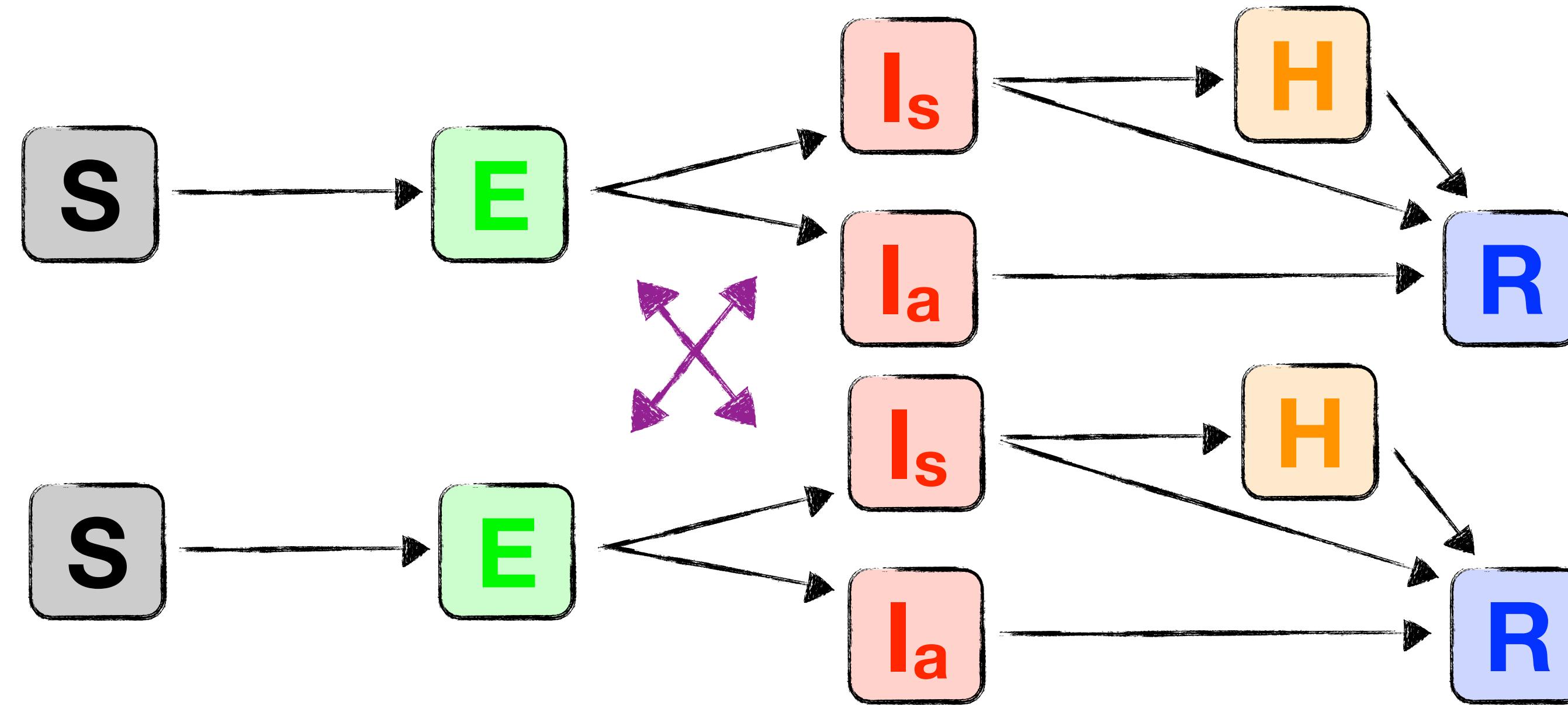
Exposed state



Waning immunity



Age groups,
multiple disease states...



How can we extend the SIR model?

Geographic models

